



## CA-NV AWWA Water Loss Technical Assistance Program Wave 4 Water Audit Level 1 Validation Document

Water System Name: City of Brawley

Water System ID Number: 1310001

Water Audit Period: Calendar 2016

### Water Audit & Water Loss Improvement Steps:

- Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:
- Staff will attend training classes to better understand concepts related to the water loss audit.
  - Staff will capture unmetered and metered water deliveries.
  - Staff will conduct water loss surveys and perform meter calibrations.

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Rodolfo Nunez

WTR Supervisor

[Signature]

9-22-2017

Executive Name (Print)

Executive Position

Signature

Date

**CA-NV AWWA Water Loss Technical Assistance Program**  
Wave 4 Water Audit Level 1 Validation Document

**Audit Information:**

Utility: Brawley PWS ID: 1310001  
System Type: Potable Audit Period: Calendar 2016  
Utility Representation: Rodolfo Nunez, Ruby Walla, Steve Sullivan, Juan Antunez  
Validation Date: 9/11/2017 Call Time: 8:30 am Sufficient Supporting Documents Provided: Yes

**Validation Findings & Confirmation Statement:**

Key Audit Metrics:

Data Validity Score: 61 Data Validity Band (Level): Band III (51-70)  
ILI: 4.20 Real Loss: 52.18 (gal/conn/day) Apparent Loss: 8.36 (gal/conn/day)  
Non-revenue water as percent of cost of operating system: 2.7%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

**Validator Information:**

Water Audit Validator: Tory Wagoner Validator Qualifications: Contractor for CA-NV AWWA Water Loss TAP